

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:

First Named Inventor: BRUGGER, James

**Art Unit: To be assigned**

Intl. Appln. No.: PCT/US2004/036933

**Examiner: To be assigned**

Intl. Filing Date: 5 November 2004

**Confirmation No.: 9019**

U.S. Appln. No.: 10/578,600

For: IMPROVED METHODS AND APPARATUS  
FOR LEAK DETECTION IN BLOOD  
PROCESSING SYSTEMS

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**PRELIMINARY AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to examination, please amend the above-identified patent application as indicated below.

**Amendments to the Specification** begin on page 2 of this paper.

**Remarks** begin on page 3 of this paper.